



Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

Fee Transmittal For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180)

Complete if Known

Application Number	10/661,154
Filing Date	September 12, 2003
First Named Inventor	Masataka Innan
Examiner Name	Eron J. Sorrell
Art Unit	2182
Attorney Docket No.	16869K-093800US

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments
 under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	Small Entity		Small Entity		Small Entity	
	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	200	100	0	0	0	0

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent

Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Small Entity
	-20 or HP =	x	=		Fee (\$)
					Fee (\$)

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
	-3 or HP =	x	=			

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
	- 100 =	/ 50 =	(round up to a whole number) x	=

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Submission of Information Disclosure Stmt 180

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 41,405	Telephone 650-326-2400
Name (Print/Type)	Chun-Pok Leung		Date (10-12-05)



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/661,154
Filing Date	September 12, 2003
First Named Inventor	Masataka Innan
Art Unit	2182
Examiner Name	Eron J. Sorrell
Attorney Docket Number	16869K-093800US

Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> USPTO form SB08A two pages), copies of five cited foreign patent references, Return Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Chun-Pok Leung		
Date	(10-12-05)	Reg. No.	41,405

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature	
Typed or printed name	Roger Hylton
Date	10/13/05

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On OCT 13, 2005

TOWNSEND and TOWNSEND and CREW LLP

By:

Roger Rylton



PATENT
Attorney Docket No.: 16869K-093800US
Client Reference No.: 603/SM/mt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Masataka INNAN, et al.

Application No.: 10/661,154

Filed: September 12, 2003

For: STORAGE SYSTEM, AND
METHOD FOR CONTROLLING THE
SAME

Examiner: Eron J. Sorrell

Art Unit: 2182

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A are being called to the attention of the Examiner. Copies of the cited foreign patent references are enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

10/19/2005 AKELECH1 00000037 201430 10661154

01 FC:1806
02 FD:1806

180.00 DA
100.00 DA

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Chun-Pok Leung
Reg. No. 41,405

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60606435 v1



Substitute for form 1449A/PTO				Complete if Known	
				Application Number	10/661,154
				Filing Date	September 12, 2003
				First Named Inventor	Masataka Innan
				Art Unit	2182
				Examiner Name	Eron J. Sorrell
Sheet	1	of	2	Attorney Docket Number	16869K-093800US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	U.S. 6,883,064	04-19-2005	Yoshida et al.	
	2	U.S. 2005/0081009	04-14-2005	Williams et al.	
	3	U.S. 6,851,020	02-01-2005	Matsumoto et al.	
	4	U.S. 2005/0010743	01-13-2005	Tremblay et al.	
	5	U.S. 2004/0260875	12-23-2004	Murotani et al.	
	6	U.S. 2004/0260966	12-23-2004	Kaiya et al.	
	7	U.S. 6,826,778	11-30-2004	Bopardikar et al.	
	8	U.S. 2004/0230980	11-18-2004	Koyama et al.	
	9	U.S. 6,816,948	11-09-2004	Kitamura et al.	
	10	U.S. 6,799,255	09-28-2004	Blumenau	
	11	U.S. 2004/0172510	09-02-2004	Nagashima et al.	
	12	U.S. 2004/0148443	07-29-2004	Achiwa	
	13	U.S. 2004/0143832	07-22-2004	Yamamoto et al.	
	14	U.S. 2004/0123180	06-24-2004	Soejima et al.	
	15	U.S. 6,745,281	06-01-2004	Saegusa	
	16	U.S. 2004/0054850	03-18-2004	Fisk et al.	
	17	U.S. 6,708,232	03-16-2004	Obara	
	18	U.S. 2004/0049553	03-11-2004	Iwamura et al.	
	19	U.S. 6,684,310	01-27-2004	Anzai et al.	
	20	U.S. 6,681,303	01-20-2004	Watabe et al.	
	21	U.S. 2004/0003022	01-01-2004	Garrison et al.	
	22	U.S. 6,654,830	11-25-2003	Taylor et al.	
	23	U.S. 2003/0212854	11-13-2003	Kitamura et al.	
	24	U.S. 6,647,476	11-11-2003	Nagasawa et al.	
	25	U.S. 2003/0204597	10-30-2003	Arakawa et al.	
	26	U.S. 6,640,278	10-28-2003	Nolan et al.	
	27	U.S. 6,640,291	10-28-2003	Fujibayashi	
	28	U.S. 2003/0182525	09-25-2003	O'Connell	
	29	U.S. 2003/0145169	07-31-2003	Nagasawa	
	30	U.S. 6,598,134	07-22-2003	Ofek et al.	
	31	U.S. 2003/0126327	07-03-2003	Pesola et al.	
	32	U.S. 6,553,408	04-22-2003	Merrell et al.	
	33	U.S. 6,523,096	02-18-2003	Sanada et al.	
	34	U.S. 2002/0194523	12-19-2002	Ulrich et al.	
	35	U.S. 6,484,173	11-19-2002	O'Hare et al.	
	36	U.S. 2002/0156887	10-24-2002	Hashimoto	
	37	U.S. 6,457,139	09-24-2002	D'Errico et al.	
	38	U.S. 6,446,141	09-03-2002	Nolan et al.	
	39	U.S. 6,356,977	03-12-2002	Ofek et al.	
	40	U.S. 2002/0004857	01-10-2002	Arakawa et al.	
	41	U.S. 2001/0052018	12-13-2001	Yokokura	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



Institute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/661,154
				Filing Date	September 12, 2003
				First Named Inventor	Masataka Innan
				Art Unit	2182
				Examiner Name	Eron J. Sorrell
Sheet	2	of	2	Attorney Docket Number	16869K-093800US

U.S. PATENT DOCUMENTS+						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	42	U.S. 6,240,486		05-29-2001	Ofek et al.	
	43	US. 6,240,494		05-29-2001	Nagasawa et al.	
	44	U.S. 6,230,239		05-08-2001	Sakaki et al.	
	45	U.S. 6,219,753		04-17-2001	Richardson	
	46	U.S. 6,098,129		08-01-2000	Fukuzawa et al.	
	47	U.S. 5,978,890		11-02-1999	Ozawa et al.	
	48	U.S. 5,956,750		09-21-1999	Yamamoto et al.	
	49	U.S. 5,835,954		11-10-1998	Duyanovich et al.	
	50	U.S. 5,758,118		05-26-1998	Choy et al.	
	51	U.S. 5,680,640		10-21-1997	Ofek et al.	
	52	U.S. 5,548,712		08-20-1996	Larson et al.	
	53	U.S. 5,408,465		01-18-1995	Gusella et al.	
	54	U.S. 4,025,904		05-24-1977	Adney et al.	
	55	U.S. 3,771,137		11-06-1973	Barner et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	56	JP	2002-230246	A	08-16-2002	Hitachi Ltd.		<input checked="" type="checkbox"/>
	57	JP	2002-157091	A	05-31-2002	Hitachi Ltd.		<input checked="" type="checkbox"/>
	58	JP	2001-067187	A	03-16-2001	Hitachi Ltd.		<input checked="" type="checkbox"/>
	59	JP	2000-293317	A	10-20-2000	Hitachi Ltd.		<input checked="" type="checkbox"/>
	60	JP	10-283272	A	10-23-1998	Hitachi Ltd.		<input checked="" type="checkbox"/>

Examiner Signature	Date Considered
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